

Mueller Climatrol

• HEATING • AIR CONDITIONING
• COOLING • FOR ALL FUELS
RESIDENTIAL - COMMERCIAL



All products catalog

INDEX

FORCED AIR HIGHBOYS

Gas	
Types 109, 110, 114	4
Oil	
Types 209, 214	5

FORCED AIR COUNTER-FLOWS

Gas	
Type 115	4
Oil	
Type 215	5

FORCED AIR LOWBOYS

Gas	
Types 105, 108, 112, 116	7
Oil	
Types 50, 202, 212, 216	8
Coal	
Types FB, 702, WR	21

FORCED AIR HORIZONTAL

Gas	
Types 151, 155	10
Oil	
Type 253	10

UNIT HEATERS

Gas	
Types 150, 151	10
Oil	
Type 253	10

GRAVITY FURNACES

Gas	
Type 101, 111	12
Oil	
Type 201, 211	12
Coal	
Types F, 701, WG	21

BOILERS

Gas	
Types 10, 11, 20	14
Oil	
Type 35	14

CONVERSION BURNERS

Gas	
Types 501, 514	16
Oil	
Types 450, 460	16

COOLING EQUIPMENT

Types 901, 900	18
Types 903, 904, 910	19

INCINERATORS

ACCESSORIES

Levelizer	
Blower-Filter Units	
Humidifier	
Registers and Grilles	
Pipe and Fittings	

As we commemorate our 96th anniversary, we take just pride in being one of the largest — as well as oldest — manufacturers in this industry.

The Mueller Climatrol line is the most complete line in the industry, with a size and type unit for almost every size installation, for every fuel and for every type heating system — residential and commercial. We have always striven to produce the best in heating equipment, conduct our business on the highest ethical plane and continue lofty standards of design and craftsmanship.

We sincerely hope that this new All Products catalog will be helpful to you in the selection of heating equipment, and that we can serve your needs — in 1953 and for many years to come.

**HEATING — COOLING — AIR CONDITIONING —
FOR ALL FUELS**

**Mueller
Climatrol
HIGHBOY**

**WINTER AIR
CONDITIONERS**



GAS-FIRED WINTER AIR CONDITIONER

is designed for basement or utility room installation. It is equipped with a thermodynamically designed, all-welded, steel heat exchanger. Cast iron burner is trouble-free, drilled-port type. The Type 109 may be converted to oil-firing with specially designed pressure burners, and operates at top efficiency with either fuel. This unit is designed with several possible return air and vent connections, allowing it to be placed in almost any location and still be completely serviceable from the front. Type 109 is shipped assembled.

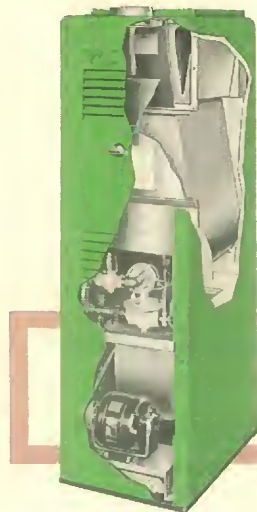
Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
109-100	100,000	80,000	65	24 1/2	36 3/8	6
109-135	135,000	108,000	65	24 1/2	47 3/8	6

**TYPE
109**



GAS-FIRED WINTER AIR CONDITIONER

a compact, efficient unit. The smaller sizes are ideal for closet or utility room installations in basementless homes or multi-family dwellings with conventional or perimeter heating. All sizes except the Type 110-100 have built-in diverter. The Types 110-120 and 110-160 have two heat exchangers under one casing. Units are shipped assembled and pre-wired; they are available in green crinkle lacquer or white enamel finish.



**TYPE
110**

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
110-60	60,000	48,000	58 3/8	16 3/4	24	5
110-80	80,000	64,000	58 3/8	16 3/4	33 1/2	5
110-100	100,000	80,000	65	24 1/2	35 1/2	6
110-120	120,000	96,000	58 3/8	32 3/8	26 3/8	7
110-160	160,000	128,000	58 3/8	32 3/8	35 3/8	7

GAS-FIRED WINTER AIR CONDITIONER

can be installed in closet, utility room or basement. Controls and flue outlet in front for accessibility. Has all-welded steel heat exchanger similar to Type 111. Easily converted to oil-firing with specially designed pressure burner. Shipped assembled and pre-wired.

**TYPE
114**

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
114-90	90,000	72,000	65-9/16	24 1/2	29 1/2	6
114-110	110,000	88,000	65-9/16	24 1/2	29 1/2	6
114-150	150,000	120,000	67	27 1/2	34	7

"COUNTER-FLOW" WINTER AIR CONDITIONER

gas-fired, steel. Easily converted to oil with special pressure burner. Designed essentially for warm air perimeter heating or any installation where it is desirable to bring the heated air out of the bottom or lower part of the furnace casing. Completely accessible from front. Shipped assembled and pre-wired.

**TYPE
115**

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
115-80	80,000	64,000	69 3/8	21	22	6
115-110	110,000	88,000	72 1/4	24 1/2	28	6
115-150	150,000	120,000	72 3/4	27 1/2	34	7



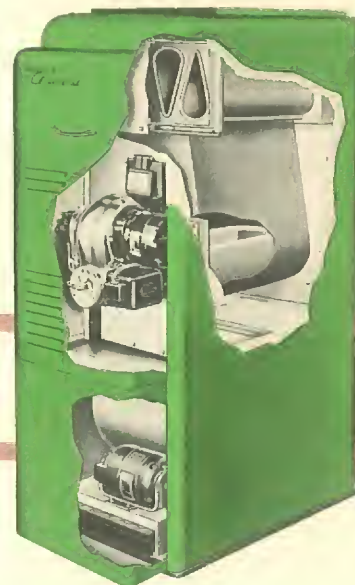
FOR ALL FUELS

OIL-FIRED WINTER AIR CONDITIONER

is designed for basement or utility room installation. The heat exchanger is of thermo-dynamic design and all-welded steel construction. It is fired with either the Type 454 or Type 464 pressure burners. The unit may be easily converted to gas firing with a specially designed, drilled-part, cast iron burner; it then is the same as the AGA-approved Type 109.

Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
209-100	100,000	80,000	65	24½	41½	6
209-135	135,000	108,000	65	24½	52	7

**TYPE
209**

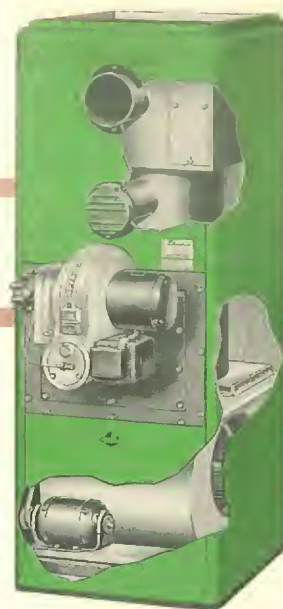


OIL-FIRED WINTER AIR CONDITIONER

high-boy design for basement, closet or utility room installation. Blower is underneath heat exchanger. Unit is similar to the gas Type 114, and can be converted to gas-firing with the Type 514 Gas Conversion Burner. Shipped completely assembled and pre-wired for quick, low-cost installation.

**TYPE
214**

Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
214-90	90,000	72,000	65-9/16	24½	29½	6
214-110	110,000	88,000	65-9/16	24½	29½	6
214-150	150,000	120,000	67	27½	34	7



**TYPE
215**

"COUNTER-FLOW" WINTER AIR CONDITIONER

oil-fired, easily converted to gas-firing, and when converted to gas-firing it is the same as the Type 115. Blower is at top; warm air outlet at bottom or lower part of furnace casing for perimeter heating or closet installation. Shipped assembled and pre-wired.

Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
215-110	110,000	88,000	72¼	24½	28	6
215-150	150,000	120,000	72¾	27½	34	7

Mueller Climatrol

GAS AND OIL

LOWBOY

WINTER AIR CONDITIONERS

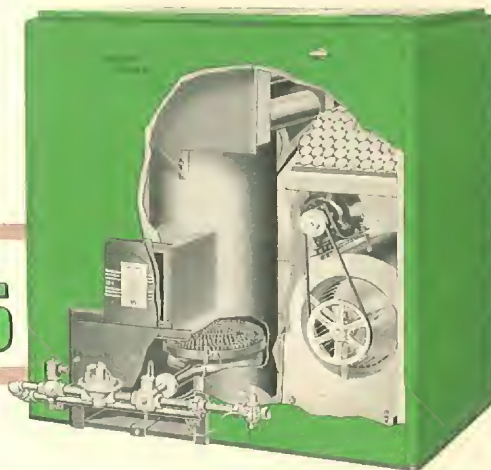


GAS-FIRED WINTER AIR CONDITIONER

blower compartment may be placed on either side of heat exchanger. Type 105 is Modular Design; it is easily expanded to Type 105-901 Summer Air Conditioner. Vestibule is available as additional equipment. Larger sizes (104-300 to 105-675) employ two or three heat exchangers (see Type 101) enclosed in one casing, and with blower enclosed in separate compartment in rear. Convertible to oil-firing.

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
105-100	100,000	80,000	51½	51⅞	33	6
105-150	150,000	120,000	55½	59⅞	40	6
105-180	180,000	144,000	61¼	64½	40¾	7
105-225	225,000	180,000	61¼	64½	40¾	7
105-300	300,000	240,000	55½	77¼	94¾	6 (2)
105-360	360,000	288,000	61¼	77¼	95½	7 (2)
105-450	450,000	360,000	61¼	77¼	105½	7 (2)
105-540	540,000	432,000	61¼	114½	105½	7 (3)
105-675	675,000	540,000	61¼	114½	105½	7 (3)

**TYPE
105**



GAS-FIRED WINTER AIR CONDITIONER

is designed with a sectional, cast iron heat exchanger. Each section is a one-piece, chrome-alloy casting, with more than 400 heat-extracting pins cast inside each section. An individual, drilled-port, cast iron burner is provided for each section. The blower compartment may be placed on either side of heat exchanger. Type 108 is of Modular Design, allowing expansion to summer air conditioning with the Type 901 unit.

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
108-67	67,500	54,000	51½	39¾	33	6 (1)
108-90	90,000	72,000	51½	44¾	33	6 (1)
108-112	112,500	90,000	51½	50¾	33	5 (1)-6 (1)
108-135	135,000	108,000	51½	56	33	6 (2)
108-157	157,500	126,000	51½	61¾	33	6 (2)

**TYPE
108**



GAS-FIRED WINTER AIR CONDITIONER

trim, compact, for basement installation in small homes. Employs welded steel heat exchanger and cast iron burner. Shipped assembled on solid steel base to eliminate grouting and minimize installation time. Units are equipped with a large, quiet blower. They are convertible to oil-firing with specially designed pressure burners.

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
112-90	90,000	72,000	51	44¾	26½	6
112-110	110,000	88,000	51	44¾	26½	6

**TYPE
112**

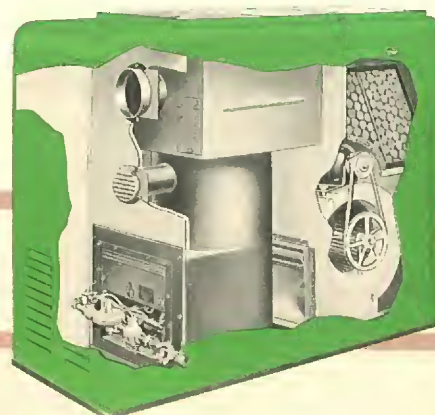


GAS-FIRED WINTER AIR CONDITIONER

new deluxe model. Shipped in two packages with heat exchanger section completely assembled and pre-wired. Easy to complete assembly on job. Has steel base. Each assembled section easily goes through any door and down basement steps. Units have large quiet blower. Type 116 is convertible to oil-firing with specially designed pressure burner.

**TYPE
116**

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
116-90	90,000	72,000	45	24½	61½	6
116-110	110,000	88,000	45	24½	61½	6
116-130	130,000	104,000	46⅞	27½	68½	7
116-150	150,000	120,000	46⅞	27½	68½	7

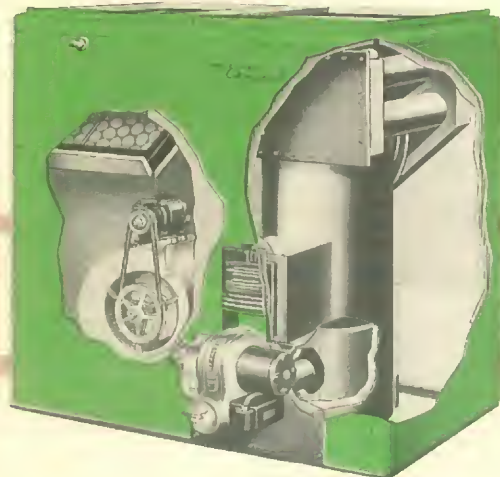
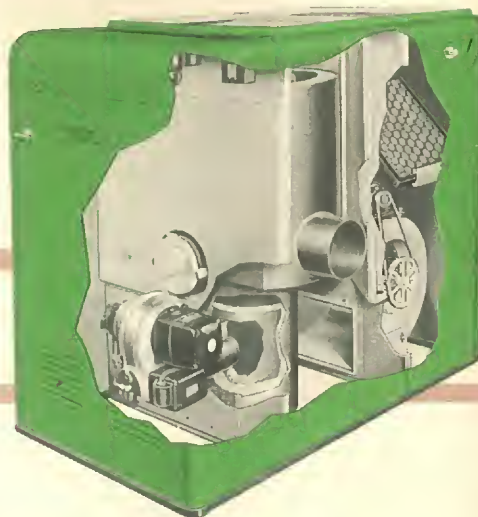


OIL-FIRED WINTER AIR CONDITIONER

is designed for both residential and commercial installation. The heat exchanger consists of a cylindrical combustion chamber and semi-circular radiator, and is of heavy welded steel construction. The built-in blower compartment is at the rear, with several sizes of blowers available on larger sizes to meet various air delivery requirements. Type 50 units are fired by efficient pressure-atomizing oil burners, either Type 454 or Type 464.

Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Output At Bonnet	Btu Output At Register	Height (in.)	Width (in.)	Depth (in.)	
BA-55-3	118,000	100,000	55	34	62	8
BA-56-3, 4 or 5	176,500	150,000	58	36	76	9
BA-57-7 or 8	235,000	200,000	58	46	95 1/4	9
BA-57-9, 10 or 11	265,000	225,000	58	46	95 1/4	9

**TYPE
50**



**TYPE
202**

OIL-FIRED WINTER AIR CONDITIONER

employs an efficient, welded steel combustion chamber and tubular, multi-pass radiator. When converted to gas-firing it becomes the same as the Type 105. The smaller sizes of the Type 202 are Modular Design, providing for expansion to the Type 202-901 Summer Air Conditioner. On the larger sizes (Type 202-300 to 202-450), two heat exchangers are used in one casing, and require two burners.

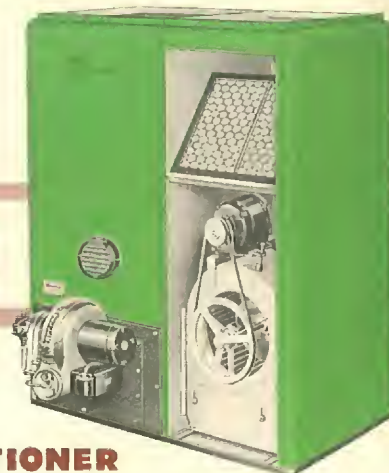
Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
202-100	100,000	80,000	51 1/2	51 1/8	33	6
202-150	150,000	120,000	55 1/2	59 1/8	40	7
202-180	180,000	144,000	61 1/4	64 1/2	40 3/4	8
202-225	225,000	180,000	61 1/4	64 1/2	40 3/4	8
202-300	300,000	240,000	55 1/2	77 1/4	94 3/4	7 (2)
202-360	360,000	288,000	61 1/4	77 1/4	95 1/2	8 (2)
202-450	450,000	360,000	61 1/4	77 1/4	105 1/2	8 (2)

OIL-FIRED WINTER AIR CONDITIONER

easily convertible to gas-firing with the Type 514 Gas Conversion Burner. Unit employs the same welded steel heat exchanger as on the Type 112. Large, quiet blower eliminates noise nuisance while delivering the required CFM. The unit is compact, and ideal for basement installation in low-cost housing.

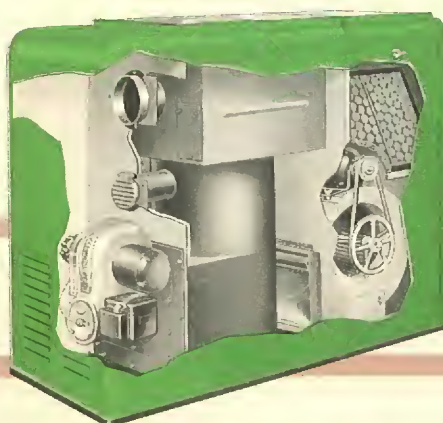
Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
212-90	90,000	72,000	51	44 3/8	26 1/2	6
212-110	110,000	88,000	51	44 3/8	26 1/2	6

**TYPE
212**



OIL-FIRED WINTER AIR CONDITIONER

with enclosed burners, controls. Flue outlet on either side. Available with either of two Mueller pressure atomizing oil burners. Identical to Type 116 shown on Page 7 except for oil firing. Type 216 is easily converted to gas with Type 514 Gas Conversion Burner Package.



**TYPE
216**

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
216-90	90,000	72,000	45	24 1/2	61 1/2	6
216-110	110,000	88,000	45	24 1/2	61 1/2	6
216-130	130,000	104,000	46 1/8	27 1/2	68 1/2	7
216-150	150,000	120,000	46 1/8	27 1/2	68 1/2	7

LOWBOY WINTER AIR CONDITIONER (CONCL.)



Mueller Climatrol **HORIZONTAL**

**WINTER AIR CONDITIONERS
AND UNIT HEATERS**

DIRECT GAS-FIRED SUSPENDED UNIT HEATER

features a horizontal, tubular heat exchanger. This all-welded, steel exchanger has no gasketed, slip or tie-rod joints. Heat is evenly distributed over the exchanger, with no flame impingement on the outside walls. The horizontal, tubular design provides maximum scrubbing of air over the heat-transmitting surfaces, with uniform air temperatures over the entire discharge area. The unit is fired by a drilled-port, cast iron burner, with no cross-lighting problems. The Type 150 can be serviced from the bottom without lowering. It is shipped assembled and pre-wired. A.G.A. approved and listed by Underwriters' Laboratories, Inc.

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
150-60	60,000	48,000	25	23	21 1/4	6
150-90	90,000	72,000	25	23	29 1/4	6
150-120	120,000	96,000	28	27	30 3/4	7
150-150	150,000	120,000	28	27	37 3/4	7

**TYPE
150**

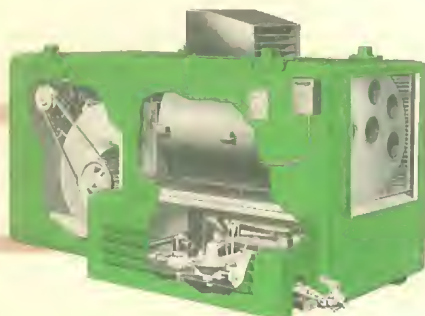


GAS-FIRED BLOWER UNIT HEATER

is used primarily for unit heater installations where ducts are required. The unit employs the same horizontal, steel heat exchanger and cast iron burner as the Type 150. Knockout panels provided on side, top or back for return air connections. Quiet, centrifugal blower is mounted on rubber to minimize vibration sounds. Unit is shipped assembled and pre-wired. Listed by Underwriters' Laboratories, Inc.

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
151-60	60,000	48,000	27 1/2	23	46	6
151-90	90,000	72,000	27 1/2	23	54	6
151-120	120,000	96,000	30 1/2	27	56 1/8	7
151-150	150,000	120,000	30 1/2	27	63 1/8	7

**TYPE
151**



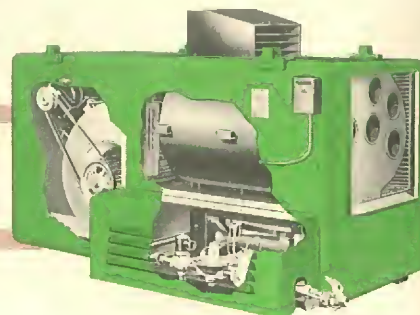
GAS-FIRED HORIZONTAL WINTER AIR CONDITIONER

is a compact unit ideal for attic, closet or crawl space installation in ranch-style homes. It is adaptable to perimeter, radiant warm air or conventional forced air heating as a single unit, or as multiple units for zone control. Since it requires no floor space, it eliminates the necessity of a utility room. Steel heat exchanger is identical to that of Type 150. Equipped with cast iron burner. Unit is shipped assembled and pre-wired. Listed by Underwriters' Laboratories, Inc.

Unit No.	A.G.A. Rating*		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
155-60	60,000	48,000	27 1/2	23	46	6
155-90	90,000	72,000	27 1/2	23	54	6

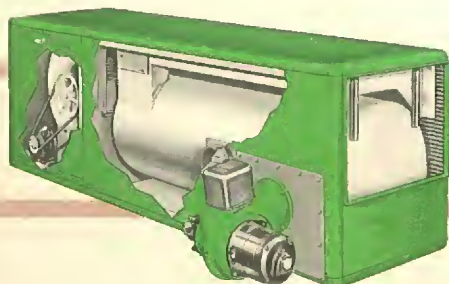
*see Type 151 for larger sizes

**TYPE
155**



OIL-FIRED HORIZONTAL WINTER AIR CONDITIONER

for installation in attic or crawl space, or can be used as a blower unit heater for commercial applications. Fired by either one of two efficient pressure atomizing oil burners. Employs heavy welded steel heat exchanger. Directional louvers available for installation as a suspended unit heater. Unit shipped assembled, pre-wired.



**TYPE
253**

Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
253-110	110,000	88,000	25 7/8	68 1/8	23 3/4	6
253-150	150,000	120,000	28 1/2	85 1/8	25	7
253-200	200,000	160,000	38	72 3/4	29 3/4	9
253-250	250,000	200,000	38	84 1/4	29 3/4	9

Mueller
Climatrol
GRAVITY
GAS AND OIL
FURNACES

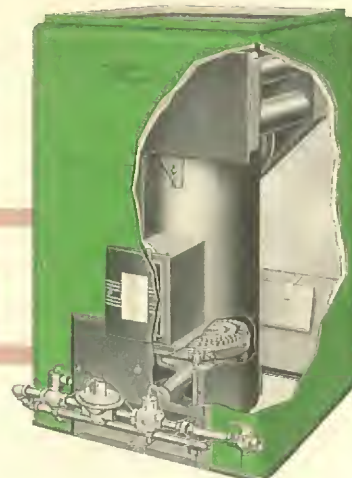


GAS-FIRED GRAVITY FURNACE

is equipped with a welded steel combustion chamber and tubular radiator of multi-pass design. It is fired by a drilled-port, cast iron burner. Unit is easily convertible to oil-firing with specially designed pressure burners, operating with equal efficiency with either fuel. Type 101 is Modular Design, providing for later additions of blower compartment and cooling coils for complete winter and summer air conditioning.

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
101-90	90,000	67,500	51½	32	33	6
101-135	135,000	101,250	55½	40	40	6
101-160	160,000	120,000	61¼	40	40¾	7
101-180	180,000	135,000	61¼	40	40¾	7

TYPE
101



GAS-FIRED GRAVITY FURNACE

is an exceptionally compact gravity furnace occupying floor area of only 25½" by 26½", making it ideal for small, low-cost homes. It is designed with a welded, steel, up-draft heat exchanger with a square radiator. It is fired by a dependable, drilled-port, cast iron burner. Type 111 unit is designed with a solid steel base to eliminate concrete setting or grouting. It is shipped assembled. Easily converted to oil firing.

TYPE
111

Unit No.	A.G.A. Rating		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
111-90	90,000	67,500	51	25½	26½	6

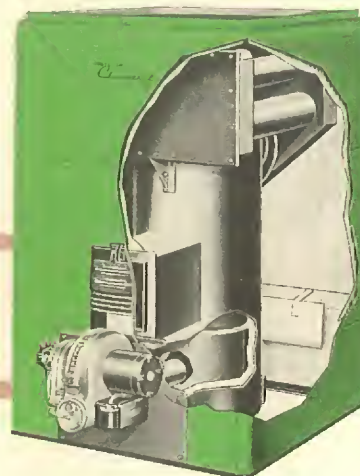


OIL-FIRED GRAVITY FURNACE

is identical in construction to the Type 101, except that it is fired by either the Type 452 or Type 462 pressure burners. It may also be converted to gas firing, and is similar to the AGA-approved Type 101 when converted. The unit is of Modular Design, allowing easy expansion to winter and summer air conditioning.

Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
201-90	90,000	67,500	51½	32	33	6
201-135	135,000	101,250	55½	40	40	7
201-160	160,000	120,000	61¼	40	40¾	8
201-180	180,000	135,000	61¼	40	40¾	8

TYPE
201

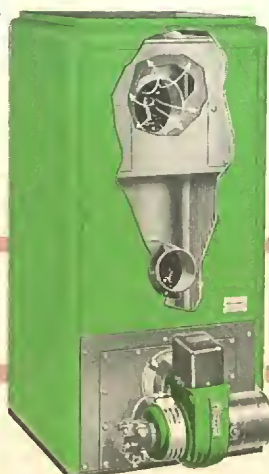


OIL-FIRED GRAVITY FURNACE

identical in construction to the Type 111, except that it is fired by either the Type 455 or 465 pressure burners. It may be converted to gas-firing with the Type 514 burner and is identical to the AGA-approved Type 111 when converted. The Type 211 is shipped assembled on a solid steel base. It is ideal for small low-cost housing.

TYPE
211

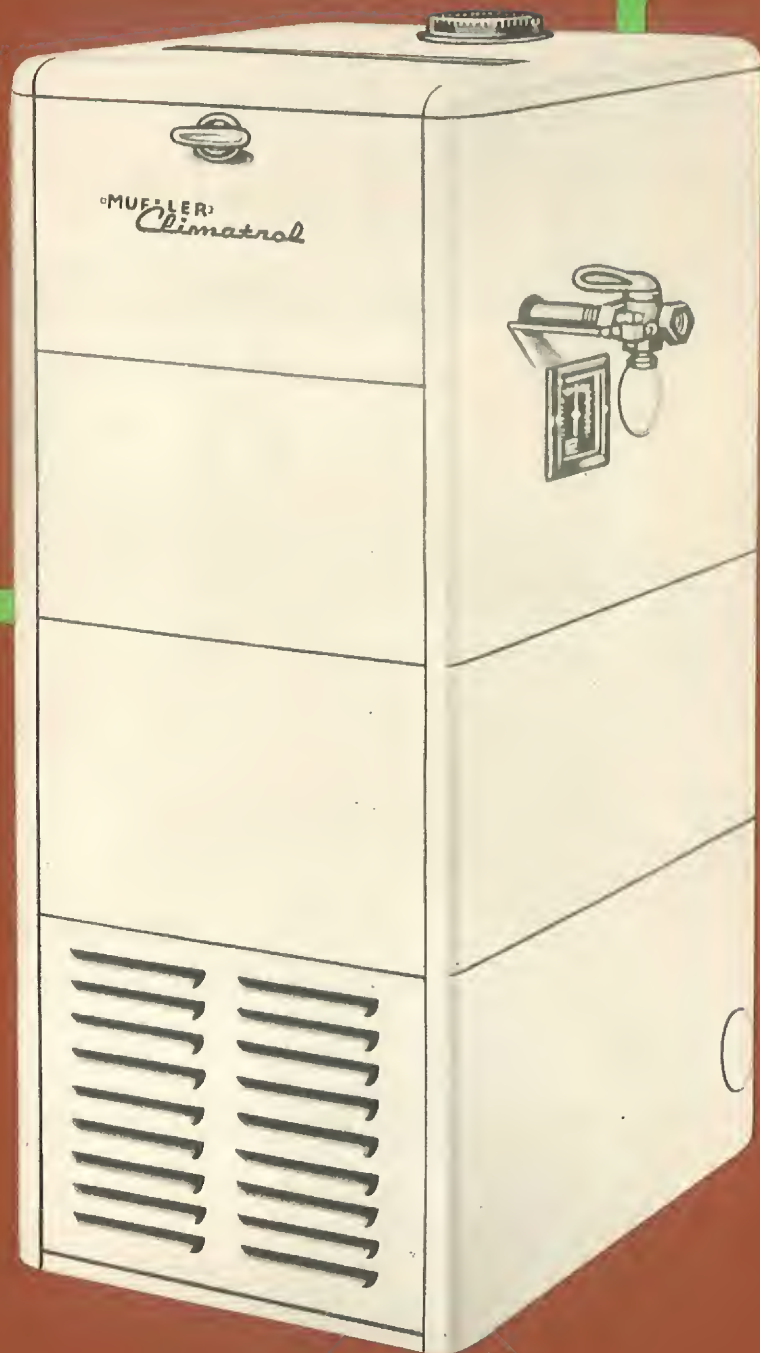
Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Input	Btu Output At Bonnet	Height (in.)	Width (in.)	Depth (in.)	
211-90	90,000	67,500	51	25½	26½	6



Mueller Climatrol

GAS AND OIL

BOILERS

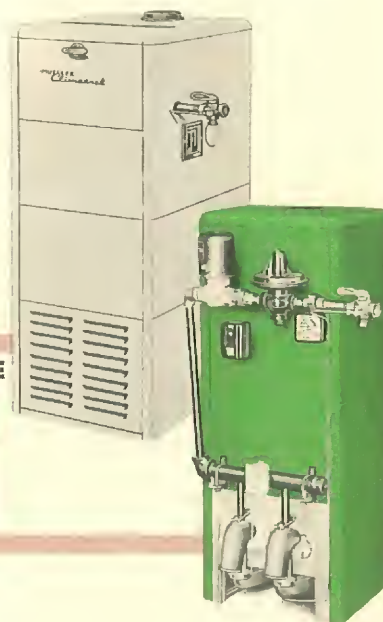


GAS-FIRED BOILERS

are versatile, attractive, compact units designed and built to comply with the requirements of the ASME code. All are readily adaptable to hot water heating, gravity or forced circulation, steam or vapor heating, radiant heating, or hot water supply. The Types 10 and 11 are designed primarily for residential installation, while the Type 20 is used extensively for commercial and industrial applications. The Type 10 boiler is finished in gleaming white baked enamel or green crinkle finish. The Type 11 is the same as the Type 10, except the controls are exposed and it is finished in green only. These Mueller Climatrol boilers are of sectional cast iron construction. They are equipped with cast iron drilled-port burners.

Types 10 and 11 Boilers							
No. of Sections	A.G.A. Rating Btu Input	Recommended Maximum Installed Radiation—Sq. Ft.		Cabinet Dimensions			Flue Pipe Diameter
		Water	Steam	Height (in.)	Width (in.)	Depth (in.)	
3	54,000	215	115	48½	12½	27	4
4	81,000	320	170	48½	15½	27	5
5	108,000	430	230	48½	18½	27	5
6	135,000	535	295	48½	21¾	27	6
7	162,000	650	355	48½	25	27	7
9	216,000	865	475	48½	31¼	27	8
11	270,000	1080	600	48½	37¾	27	8
13	324,000	1295	725	48½	44	27	9
15	378,000	1510	855	48½	50½	27	9

TYPE
10
11

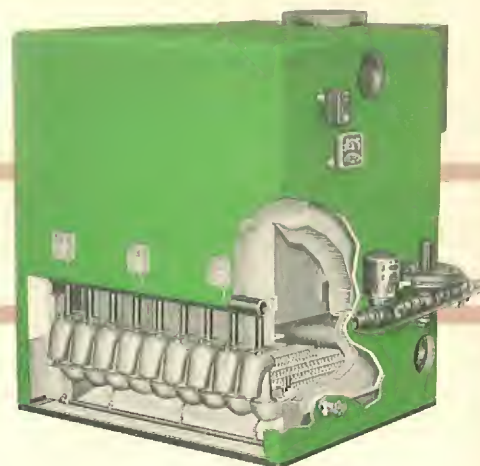


Type 20 Boiler									
No. of Sections	A.G.A. Rating Btu Input	Recommended Maximum Installed Radiation—Sq. Ft.		**Cabinet Width (in.)	No. of Sections	A.G.A. Rating Btu Input	Recommended Maximum Installed Radiation—Sq. Ft.		**Cabinet Width (in.)
		Water	Steam				Water	Steam	
6	315,000	1,260	705	27½	26	1,575,000	6,300	3,940	104½
7	378,000	1,510	850	31	27	1,638,000	6,575	4,110	108½
8	441,000	1,760	1,000	34¾	28	1,701,000	6,850	4,280	112¾
9	504,000	2,020	1,160	38¾	29	1,764,000	7,135	4,460	116¼
10	567,000	2,265	1,310	42¾	30	1,827,000	7,425	4,640	120¼
11	630,000	2,510	1,470	46½	31	1,890,000	7,695	4,810	124
12	693,000	2,770	1,620	50¾	*2-17	2,016,000	8,255	5,160	
13	756,000	3,020	1,780	54¼	*2-18	2,142,000	8,830	5,520	
14	819,000	3,275	1,940	58½	*2-19	2,268,000	9,375	5,860	
15	882,000	3,525	2,100	62	*2-20	2,394,000	9,920	6,200	
16	945,000	3,770	2,270	65¾	*2-21	2,520,000	10,430	6,520	These are
17	1,008,000	4,035	2,430	69¾	*2-22	2,646,000	10,945	6,840	twin boilers.
18	1,071,000	4,290	2,590	73¾	*2-23	2,772,000	11,490	7,180	For dimen-
19	1,134,000	4,540	2,760	77½	*2-24	2,898,000	12,000	7,500	sions, see
20	1,197,000	4,785	2,920	81¾	*2-25	3,024,000	12,510	7,820	correspond-
21	1,260,000	5,040	3,090	85¼	*2-26	3,150,000	13,055	8,160	ing single
22	1,323,000	5,290	3,260	89¼	*2-27	3,276,000	13,570	8,480	boiler.
23	1,386,000	5,545	3,420	93	*2-28	3,402,000	14,080	8,800	
24	1,449,000	5,800	3,600	96¾	*2-29	3,528,000	14,590	9,120	
25	1,512,000	6,050	3,770	100¾	*2-30	3,654,000	15,135	9,460	
					*2-31	3,780,000	15,650	9,780	

*These are twin boiler assemblies.

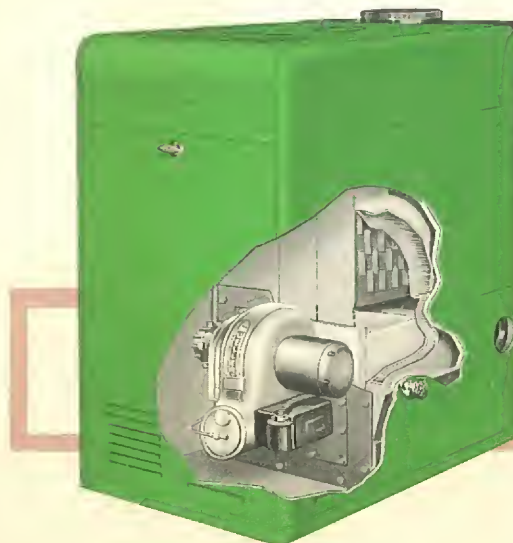
**The height and depth for all single Type 20 Boilers are as follows: Height—50½ in.; Depth—35½ in.

TYPE
20



OIL-FIRED BOILER

Sectional, cast iron. Available in sizes from 4 to 8 sections. For hot water, steam or vapor heating, gravity or forced circulation. Special design of vertical, gas type flue ways insures greater heat transfer. Each section accurately machined for metal-to-metal contact. Flue passages can easily be cleaned without removing jacket. Tankless hot water heating available, delivering up to four gallons per minute at 100° temperature runs. Or, boilers may be ordered for hot water supply installations and are pressure tested accordingly.



TYPE
35

Unit No.	Na. Sec-tions	Gross Output	Recommended Maximum Heat Loss of Bldg. Or Installed Radiation		Tankless Heater 100° F. Temperature Rise	CABINET DIMENSIONS (Inches)		
			Btu	Sq. Ft.		Height	Width	Depth
35W4	4	168,000	126,000		3GPM	57½	25¾	54¼
35W5	5	224,000	168,000		4GPM	57½	31¼	54¼
35W6	6	280,000	210,000		4GPM	57½	37¼	54¼
35W7	7	336,000	252,000		4GPM	57½	43	54¼
35W8	8	392,000	294,000		*4GPM	57½	48¾	54¼
35S4	4	168,000	111,000	460	3GPM	57½	25¾	54¼
35S5	5	224,000	149,000	620	4GPM	57½	31¼	54¼
35S6	6	280,000	189,000	790	4GPM	57½	37¼	54¼
35S7	7	336,000	228,000	950	4GPM	57½	43	54¼
35S8	8	392,000	269,000	1120	*4GPM	57½	48¾	54¼

*Available with one or two tankless heaters.

Mueller Climatrol

GAS AND OIL

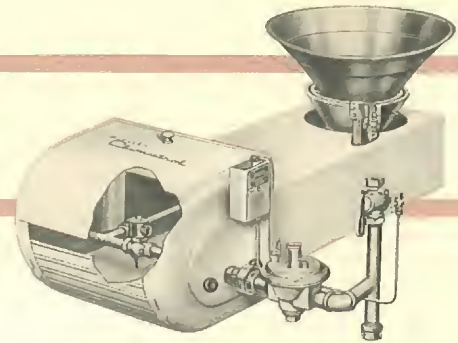
**CONVERSION
BURNERS**



GAS CONVERSION BURNER

is available for converting cool and oil-fired furnaces and boilers to gas firing. It is AGA-listed for operation with natural, mixed, manufactured, LP and Butane-Air gases; also available with either manual or electric pilot igniter (optional). The patented cast iron burner is designed with stainless steel flame spreader, which directs flame to walls of heat exchanger.

**TYPE
501**



Unit No.	A.G.A. Rating Maximum Btu Input	*Height Of Housing (in.)	Width Of Housing (in.)	Width Of Air Tube (in.)	**Length Overall (in.)	**Length Of Air Tube (in.)
501-125	125,000	9 1/4	13 1/2	11	33 1/2	23
501-175	175,000	9 1/4	13 1/2	11	33 1/2	23
501-225	225,000	9 1/4	13 1/2	11	33 1/2	23
501-275	275,000	9 1/4	13 1/2	11	33 1/2	23

*Does not include legs. (Legs adjustable to 7 1/2 inches in height.)

**Also available with air tube 6 inches shorter.

GAS CONVERSION BURNER

for use only in converting the Types 211, 212, 214, 215 and 216 Oil-Fired Winter Air Conditioners to gas-firing. Complete package includes burner mounting plate, cast iron burner with assembled manifold, draft diverter and all necessary trim. The Type 514 is AGA-listed. Also, there are the Types 503 and 509 gas burners for converting Types 201, 202 and 209 units to gas firing.

**TYPE
514**

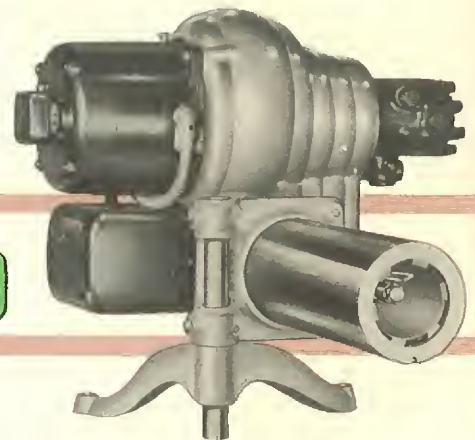
A.G.A. Ratings	
Unit No.	Btu Input
514-80	80,000
514-90	90,000
514-110	110,000
514-130	130,000
514-150	150,000

OIL CONVERSION BURNER

features the patented Mueller turbulator firing assembly, included on all but the larger size burners, which provides a complete mixture of the oil and air for efficient operation. The Types 452, 454, 455, modifications of the Type 450, are available as original components of the Types 201, 202, 209, 211, 212, 214, 215 and 50 furnaces, and are also used to convert the Types 101, 105, 109, 111, 112, 114, 115, and 116 units to oil firing.

Unit No.	Nozzle Sizes Gal. Per Hour	Blast Tube Diameter (in.)	Blast Tube Lengths (in.)	Height, Floor To Center of Blast Tube (in.)
450-150	1, 1 1/4 or 1 1/2	4 1/4	12 or 20	6 3/4 to 10 3/4
450-225	1 3/4, 2 or 2 1/4	5	12 or 20	6 3/4 to 10 3/4
450-300	2 1/2 or 3	4 1/4	12 or 20	6 3/4 to 10 3/4
450-500	3 1/2, 4, 4 1/2 or 5	5	12 or 20	6 3/4 to 10 3/4

**TYPE
450**

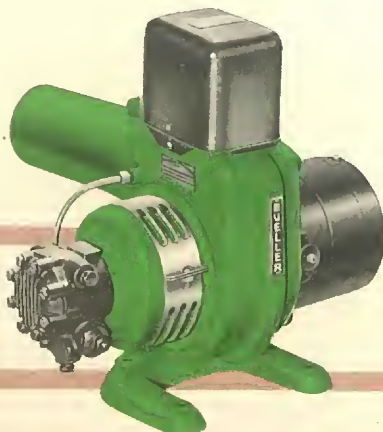


OIL CONVERSION BURNER

is designed with a cast air diffuser and air turbulator, which gives the flame a whirling motion and provides efficient combustion. The Types 462, 464, and 465, modifications of the Type 460, are used as burners in the Types 201, 202, 209, 211, 212, 214, 215 and 50 and also to convert the Types 101, 105, 109, 111, 112, 114, 115, and 116 units to oil firing.

**TYPE
460**

Unit No.	Nozzle Sizes Gal. Per Hour	Blast Tube Diameter (in.)	Blast Tube Lengths (in.)	Height, Floor To Center of Blast Tube (in.)
460-200	1, 1 1/4, 1 1/2, 1 3/4 or 2	4	12 or 20	7 3/8 to 9 5/8



Mueller Climatrol COOLING EQUIPMENT



SUMMER AIR CONDITIONER

is designed for use only with the Types 105 and 108 Gas-Fired Winter Air Conditioners and Type 202 Oil-Fired Winter Air Conditioner. It consists of a cooling coil and features a by-pass damper arrangement, which allows installation of the Type 901 in any climate with highly efficient results. The unit operates with the condensing unit shown below.

**TYPE
901**



Unit No.	Size Of Coil (ton)	Type Of Refrigerant	Cabinet Dimensions		
			Height (in.)	Width (in.)	Depth (in.)
901-310	3	Freon	51 1/2	28	33
901-315	3	Freon	55 1/2	28	40
901-515	5	Freon	55 1/2	28	40
901-522	5	Freon	61 1/4	28	40 3/4
901-722	7 1/2	Freon	61 1/4	28	40 3/4

**TYPE
900**

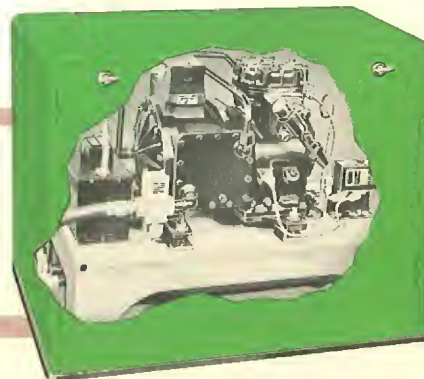
COIL UNIT AND CONDENSING UNITS

the Type 900 Summer Air Conditioning Unit is universal in application since it can be incorporated in any forced air heating system having sufficient blower capacity. The compact coil housing is installed in the duct system at the time of the original heating installation or at a later date, as desired.

The Condensing Unit shown below is for use with either Type 900 or Type 901 Summer Air Conditioning Units. It is a compact unit of semi-hermetic design.

Type 900 Coil				Types 900 and 901 Condensing Units					
Unit No.	Cabinet Dimensions			Size (ton)	Motor (hp.)	Type Of Refrigerant	Cabinet Dimensions		
	Height (in.)	Width (in.)	Depth (in.)				Height (in.)	Width (in.)	Depth (in.)
900-300	34	17	34	3	3	Freon	37	45	26
900-500	34	17	40	5	5	Freon	37	45	26
900-700	34	17	40	7 1/2	7 1/2	Freon	37	45	26

**TYPE
900
901**



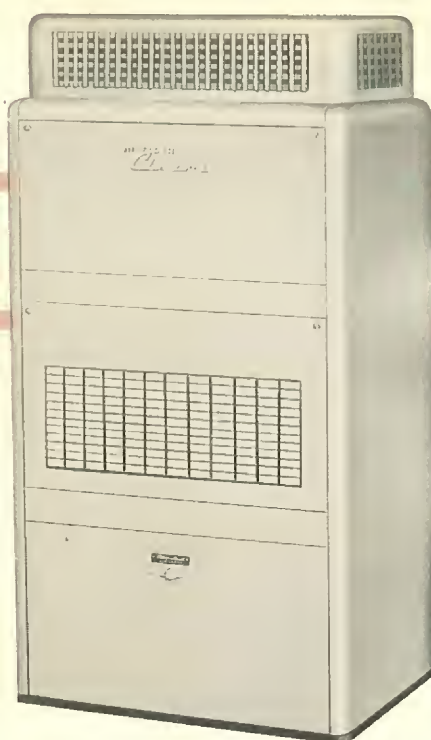
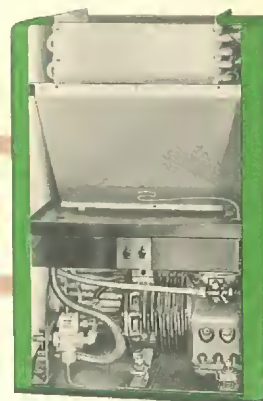
SELF-CONTAINED COOLING UNIT

may be installed with any type of warm air winter air conditioning system in new homes or for added cooling to existing systems. Unit illustrated has complete refrigeration. Shipped completely assembled; easily installed. Available with single or 3 phase motor.

Unit No.	Size Of Coil (Ton)	Type Of (Refrigerant)	Cabinet Dimensions		
			Height (in.)	Width (in.)	Depth (in.)
903-21	2	Freon	46	28	23½
903-23	2	Freon	46	28	23½
903-31	3	Freon	46	36	27¼
903-33	3	Freon	46	36	27¼
903-51	5	Freon	50⅞	40	27¼
903-53	5	Freon	50⅞	40	27¼
903-73	7½	Freon	—	—	—

*Not available at time of printing

**TYPE
903**



**TYPE
904**

SELF-CONTAINED COOLING UNIT

is for installation in stores, restaurants, or with duct systems in homes with radiator or radiant heat. Unit is similar to Type 903 shown above except that it also has built-in blower and filters. Discharge grille (at top) is optional. Shipped assembled.

Unit No.	Size Of Coil (Ton)	Type Of (Refrigerant)	Cabinet Dimensions		
			Height* (in.)	Width (in.)	Depth (in.)
904-21	2	Freon	81⅞	28	23½
904-23	2	Freon	81⅞	28	23½
904-31	3	Freon	83¼**	36	27¼
904-33	3	Freon	83¼**	36	27¼
904-51	5	Freon	85**	40	27¼
904-53	5	Freon	85**	40	27¼
904-73	7½	Freon	86**	44**	27¼**

*Includes height of discharge grille

**approximate . . . final dimensions not established at time of printing

RECESSED SUMMER CONDITIONER

for use in homes, motels, apartments and office buildings, or is ideal for installation in radiator heated homes where spot cooling is required and window area is at a premium. Fits between two standard stud spaces. Needs no plumbing connections. Air-cooled. Compact, self-contained, shipped assembled.

**TYPE
910**



Unit No.	Size Of Coil (Ton)	Type Of (Refrigerant)	Cabinet Dimensions		
			Height (in.)	Width (in.)	Depth (in.)
910-75	¾	Freon	28	29½	10

Mueller Climatrol COAL EQUIPMENT



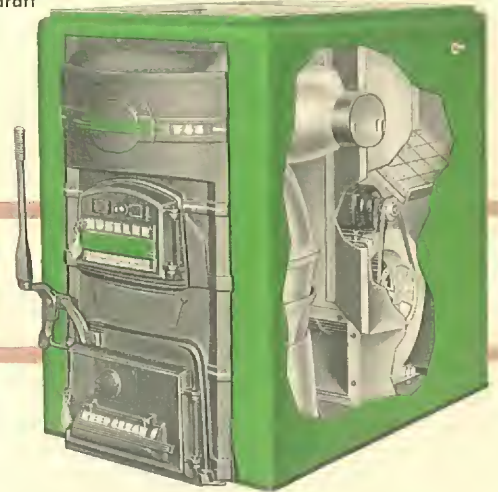
COAL-FIRED CAST-IRON FURNACES

employ the same heat exchanger castings with radiator on top. The Type "F" is a gravity furnace. The Type "FB" is a square-cased winter air conditioner with blower compartment at rear. Fire door, ashpit door, and draft door are surface-ground to insure gas-tight fit. Basket-type or triangular grates are available.

Unit No.	Ratings		Dimensions				Flue Pipe Diameter
	Btu Output At Bonnet	Btu Output At Register	Height Of Casing (in.)	Diameter of Round Casing (in.)	Width Of Square Casing (in.)	Depth Of Square Casing (in.)	
F-40	93,900	70,400	61 1/4"	41	....	....	8
F-44	109,300	82,000	65"	44	....	....	8
F-48C	130,000	97,500	65 1/8"	48	....	....	9
F-54B	146,600	110,000	67 1/8"	54	....	....	9
FB-40	108,720	92,412	54	....	37	55 3/8	8
FB-44	136,800	116,280	58	....	37	61 1/4	8
FB-48C	161,520	137,292	58	....	46	69 1/4	9
FB-54B	181,200	154,020	58	....	52	74 3/8	9

*Includes bonnet.

**TYPE
FB**



STEEL COAL-FIRED FURNACES

are designed with heavy gauge arc-welded steel combustion chamber and radiator. Both the ashpit and feed pouches are integral parts of the combustion chamber with complete circulation of air around them, providing additional heating surface. The pouches extend through the one-piece steel shield, with the fire and ashpit doors hinged directly to them. The square-cased Type 702 is a winter air conditioner, with built-in blower compartment which can be installed on either side.



**TYPE
702**

Unit No.	Ratings		Dimensions				Flue Pipe Diameter
	Btu Output At Bonnet	Btu Output At Register	Height Of Casing (in.)	Diameter of Round Casing (in.)	Width Of Square Casing (in.)	Depth Of Square Casing (in.)	
701-20	93,200	69,900	68 1/2"	41	....	....	9
701-22	114,000	85,500	68 1/2"	43	....	....	9
701-24	119,700	89,800	68 1/2"	45	....	....	9
701-27	144,000	108,000	73"	50	....	....	10
701-30	171,000	128,000	74"	54	....	....	10
702-20	109,000	92,650	56	....	61	40 3/4	9
702-22	125,000	106,250	56	....	61	40 3/4	9
702-24	143,000	122,000	56	....	61	40 3/4	9
702-27	177,000	151,000	60	....	71	50	10
702-30	210,000	177,000	60	....	71	50	10

*Includes bonnet.

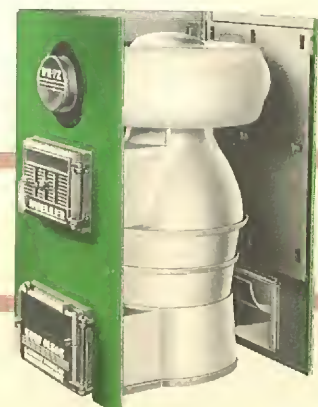
CAST-IRON COAL-FIRED FURNACES

are designed for installation in small, compact homes. They are constructed of durable cast iron. Radiator is of one-piece construction, with integral cleanout and flue extensions. To insure a tight fit, the fire door, ashpit door and draft door are surface ground. The Type "WR" conforms with commercial standards CS-109-44 for small homes. Type "WG" is a square gravity furnace. Type "WR" is identical but with rear blower compartment.

Unit No.	Ratings		Cabinet Dimensions			Flue Pipe Diameter
	Btu Output At Bonnet	Btu Output At Register	Height (in.)	Width (in.)	Depth (in.)	
WG-42	56,000	42,000	60"	28	28	7
WR-72	72,000	61,000	46 1/2"	28	48	7

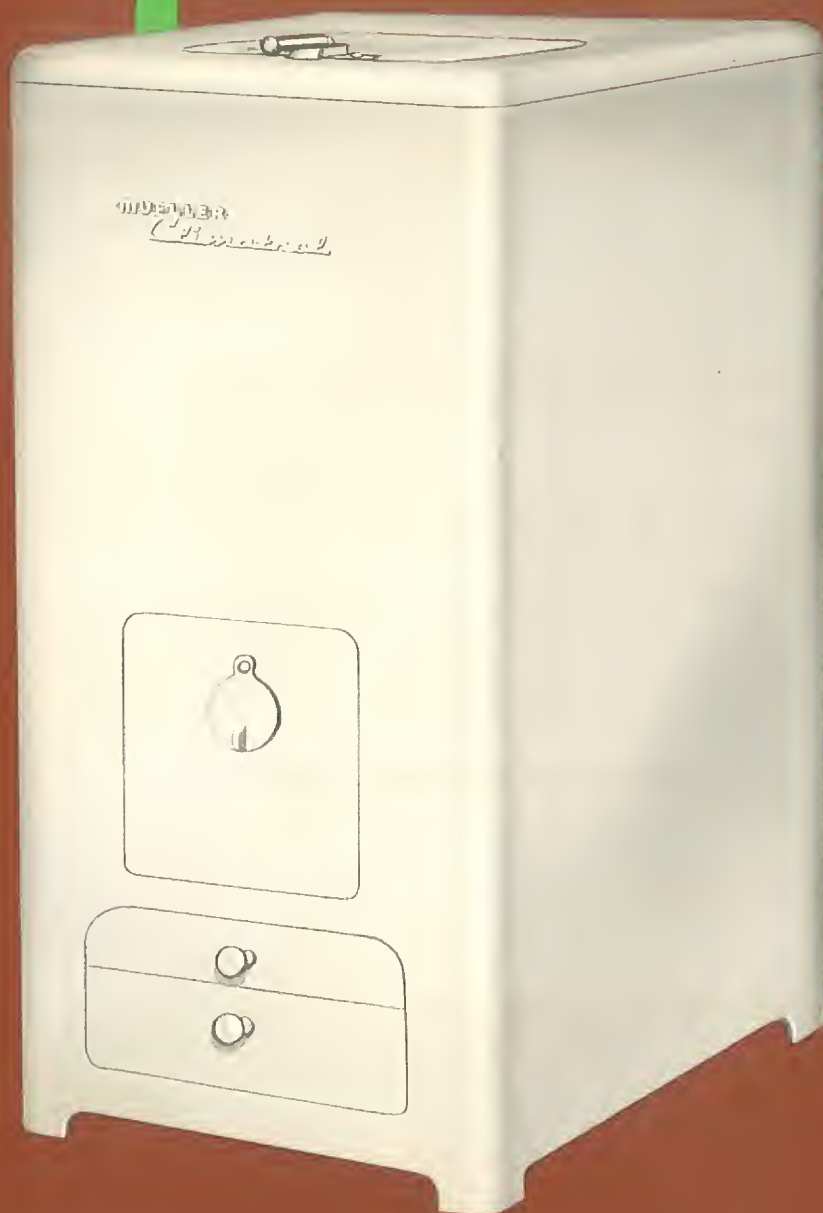
*Includes bonnet.

**TYPE
WG**



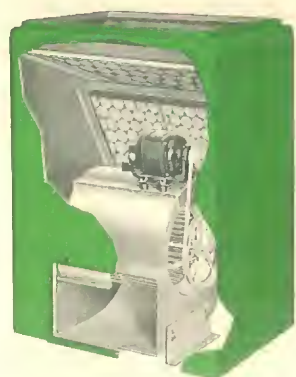
Mueller Climatrol INCINERATORS

AND OTHER PRODUCTS



GAS-FIRED INCINERATOR

For automatic disposal of paper, rubbish or garbage. Burns anything except metal and glass. Gas tight, smoke proof and odorless. Automatic, continuous operation; has 1700 Btu input per hour. 1.6 bushel capacity; shipped assembled; easy to install. No service or lighting problems. Compact — only 18" wide, 35-1/16" high, and 23 5/8" deep.

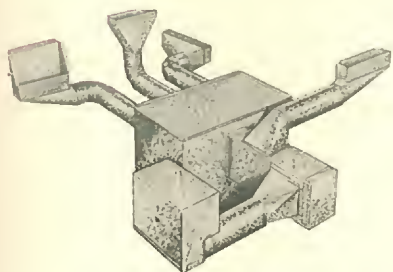


BLOWER-FILTER UNITS

are designed with a steel housing finished in baked green crinkle lacquer. They are equipped with replaceable filters and 11, 13, 15, 21 or 24-inch blowers. Twin blower units are made in 18, 21 and 24-inch sizes. Both types are used to convert gravity furnaces to forced air heating and for ventilating purposes.

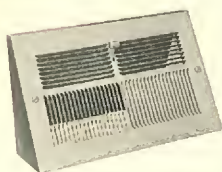
AUTOMATIC HUMIDIFIER

is easily installed in the plenum or bonnet of any furnace. Connected to the local water supply, it is equipped with an automatic float valve to maintain a constant water level in the evaporating pan. Porous inserts, to provide additional humidification, are available.



FURNACE PIPE, DUCT AND FITTINGS

galvanized iron. A full range of sizes and types is available for gravity and forced air installations including Mueller patented take-off fittings, extended plenums, and special fittings for perimeter heating installations. In addition we offer Muelleraire small pipe systems which include 4" fittings, ducts, elbows, plenum chambers and corresponding registers and grilles.

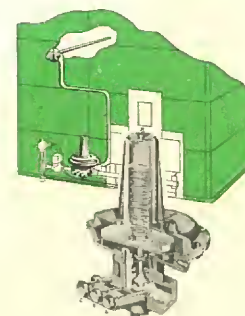


REGISTERS AND GRILLES

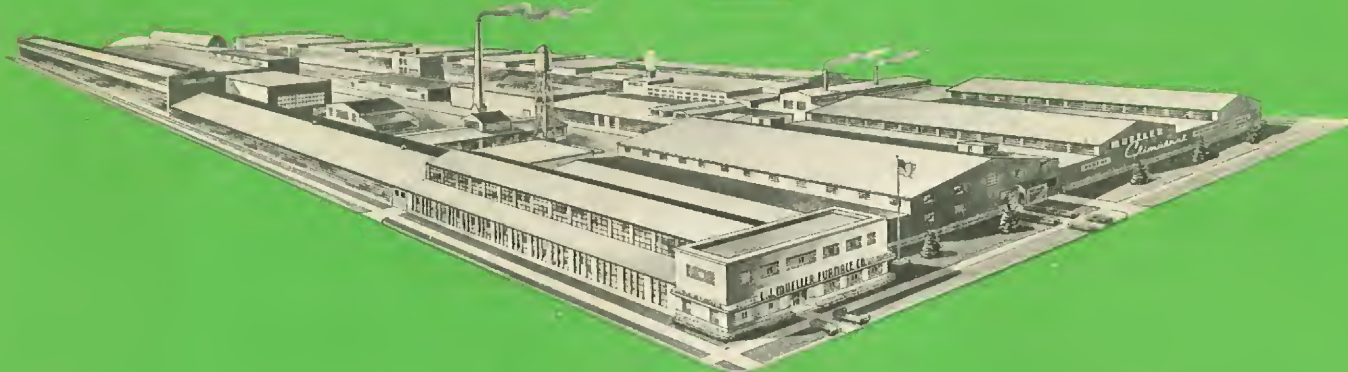
complete stock for all requirements on conventional, perimeter and Muelleraire systems. Line also includes automatic thermostatically controlled registers.

LEVELIZER CONTROL SYSTEM

maintains room temperature at a constant comfort level regardless of outside temperature. It consists of a Levelizer Regulator and Duct Controller. The Levelizer is used instead of the conventional gas pressure regulator and the controller is installed in the return air compartment. The Levelizer operates with a standard type thermostat, which acts as a top temperature limiting device, and provides continuous heat delivery by regulation of the gas flame itself. As room temperature decreases, more gas is supplied to the burner, which increases the size of the flame and provides more heat to the home. As room temperature increases, the quantity of gas furnished the burner decreases, which lowers the flame and reduces the amount of heat furnished the home. Since the Levelizer Control System operates almost constantly, it provides uniform, floor-to-ceiling temperatures and prevents stratification.



Since 1857



L. J. MUELLER FURNACE CO.
MILWAUKEE 15